

HYDRAULIC SYSTEM FOR A MOTOR VEHICLE

ABSTRACT OF THE DISCLOSURE

1 The piston in the master cylinder of a hydraulic system
2 of the kind that is used particularly in motor vehicles is made
3 of a duroplastic polymer material.

List of Reference Symbols

- 1 master cylinder
- 2 housing
- 3 piston
- 4 double-headed arrow

- 6 piston surface
- 7 frontal end surface of piston
- 8 pressure compartment
- 9 primary seal
- 10 secondary seal
- 11 rear portion of housing
- 12 space holder
- 13 seal ring body
- 14 sealing collar
- 15 sealing lip
- 16 inlet compartment
- 17 inlet port
- 18 sealing surface
- 19 internal projection

- 21 pressure port
- 22 piston rod
- 23 ball joint
- 24 first end-stop plate
- 25 holder bracket
- 26 second end-stop plate

- 31 stepped bore hole
- 32 first step

- 33 second step
- 34 front end of piston
- 35 depression
- 36 snifting groove

- 90 pressure-limiting valve
- 91 clutch release device
- 93 slave cylinder
- 94 release mechanism
- 95 clutch
- 96 combustion engine
- 97 crankshaft
- 98 transmission input shaft
- 99 hydraulic conduit
- 100 hydraulic conduit
- 101 mechanical link
- 102 actuating member